

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	117	239/102.1,102.2.ccls. and @ad<"20040402" and ((diaphragm or membrane) same (orifice or opening or aperture or mesh or screen))	US-PGPUB; USPAT	ADJ	ON	2010/10/21 17:52
L2	167	222/213.ccls. and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2010/10/21 17:52
L3	22	(papania-mark-\$.in. or barry-james-\$.in. or bagley-\$.in. or elkouh-nabil-\$.in. or knaus-darin-\$.in. or trabka-robert-\$.in.) and aerosol\$.clm.	US-PGPUB; USPAT	ADJ	ON	2010/10/21 17:53
S1	2	10/471620.app.	US-PGPUB; USPAT	ADJ	ON	2010/05/11 13:54
S2	54	"0318930"   "20020124852"   "20020195100"   "20030164169"   "20040055596"   "20050011514"   "20050199236"   "20050205089"   "2908479"   "3861386"   "4036223"   "4106503"   "4117844"   "4286636"   "4319155"   "4756347"   "4877989"   "5063922"   "5215079"   "5261601"   "5443059"   "5499972"   "5515841"   "5515842"   "5544646"   "5551416"   "5660166"   "5704911"   "5709202"   "5758637"   "5803362"   "5826571"   "5848587"   "5879327"   "5891086"   "5921232"   "5950619"   "5970974"   "5996903"   "6026807"   "6116237"   "6125844"   "6158431"   "6196218"   "6196219"   "6273342"   "6363932"   "6550472"   "6651650"   "6676034"   "6851626").PN. OR ("7225807").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/11 13:54
S3	1	"10/756449".app.	US-PGPUB; USPAT	ADJ	ON	2010/05/11 14:22
S4	5	("2005/0150489").URPN.	USPAT	ADJ	ON	2010/05/11 14:22
S5	1	US-20030164169-\$.did.	US-PGPUB; USPAT	ADJ	ON	2010/05/11 14:34

S6	0	US-2002124852-\$.did.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 14:37
S7	1	US-20020124852-\$.did.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 14:37
S8	1	"5709202".pn.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 14:38
S9	1	"6196219".pn.	US- PGPUB; USPAT	ADJ	ON	2010/05/11 14:40
S10	40	["20020124852"   "20030164069"   "20050011514"   "20050199236"   "20050205089"   "3861386"   "4036223"   "4106503"   "4319155"   "4877989"   "5063922"   "5215079"   "5261601"   "5443059"   "5499972"   "5515841"   "5544646"   "5551416"   "5660166"   "5704911"   "5709202"   "5758637"   "5803362"   "5826571"   "5848587"   "5879327"   "5891086"   "5921232"   "5950619"   "5996903"   "6116237"   "6123068"   "6158431"   "6196218"   "6196219"   "6273342"   "6550472"   "6651650"   "6676034"   "6851626").PN.	US- PGPUB; USPAT	ADJ	ON	2010/05/12 11:31
S11	1274	128/203.12,203.14,203.25.ccls. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:28
S12	1435	128/200.14,200.16,200.18,200.21,200.22.ccls. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:29
S13	974	128/205.24.ccls. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:29
S14	167	222/213.ccls. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:30
S15	1830	222/206-212,214-215.ccls. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:30
S16	192	128/200.16.ccls. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:38
S17	1	"7225807".pn.	US- PGPUB; USPAT	ADJ	ON	2010/05/18 14:48

S18	61	("0482083"   "4094317"   "4294407"   "4300546"   "4301093"   "4657007"   "4746067"   "4790479"   "4941618"   "4976259"   "5060643"   "5134993"   "5152456"   "5209225"   "5261601"   "5297542"   "5331954").PN. OR ("5435282").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/18 17:09
S19	18	128/200.16.cds. and @ad<"20040402" and (orifice or aperture or hole or opening) and (membrane or diaphragm) and (protrusion or projection)	US-PGPUB; USPAT	ADJ	ON	2010/05/18 17:19
S20	656	(membrane or diaphragm) same (orifice plate or mesh or screen) same (protrusion or projection) and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2010/05/18 18:54
S21	10	(membrane or diaphragm) same (orifice plate or mesh or screen) same (protrusion or projection) and @ad<"20040402" and (aerosol\$8)	US-PGPUB; USPAT	ADJ	ON	2010/05/18 18:54
S22	10	((membrane or diaphragm) same (orifice plate or mesh or screen) same (protrusion or projection)) and @ad<"20040402" and (aerosol\$8)	US-PGPUB; USPAT	ADJ	ON	2010/05/18 18:55
S23	3634	((membrane or diaphragm) same (orifice plate or mesh or screen)) and @ad<"20040402" and (aerosol\$8)	US-PGPUB; USPAT	ADJ	ON	2010/05/18 18:57
S24	1243	S12 not S16	US-PGPUB; USPAT	ADJ	ON	2010/05/18 19:20
S25	686	((membrane or diaphragm) same (orifice plate or mesh or screen)) and spacer and @ad<"20040402" and (aerosol\$8)	US-PGPUB; USPAT	ADJ	ON	2010/05/18 19:24
S26	8	((membrane or diaphragm) same (orifice plate or mesh or screen)) and spacer and @ad<"20040402" and (aerosol\$8) and "128".clas.	US-PGPUB; USPAT	ADJ	ON	2010/05/18 19:27
S27	437	222/206-212,214-215.cds. and @ad<"20040402" and (aerosol\$8 or atomiz\$8 or spray or nebuliz\$8)	US-PGPUB; USPAT	ADJ	ON	2010/05/19 11:03
S28	800	239/102.1,102.2.cds. and @ad<"20040402"	US-PGPUB; USPAT	ADJ	ON	2010/05/19 11:06
S29	117	239/102.1,102.2.cds. and @ad<"20040402" and ((diaphragm or membrane) same (orifice or opening or aperture or mesh or screen))	US-PGPUB; USPAT	ADJ	ON	2010/05/19 12:38

S30	40	("3960324"   "4530464"   "4558333"   "4605167"   "4659014"   "4667877"   "4719480"   "4871489"   "5487378"   "5497763"   "5725153"   "5828394"   "6196219").PN. OR ("6405934").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/19 13:56
S31	92	("3387607"   "3679132"   "3700169"   "3790079"   "3852773"   "3900162"   "4078877"   "4209131"   "4285352"   "4388627"   "4465234"   "4514742"   "4516140"   "4533082").PN. OR ("4702418").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/19 14:09
S32	327	aerosol and rate and light and reflective surface	US-PGPUB; USPAT	ADJ	ON	2010/05/19 16:22
S33	9	aerosol and rate and light and reflective surface and "128".clas.	US-PGPUB; USPAT	ADJ	ON	2010/05/19 16:24
S34	2	aerosol and rate and light and reflective surface and "239".clas.	US-PGPUB; USPAT	ADJ	ON	2010/05/19 16:26
S35	1	(rate same light same reflective surface) and "239".clas.	US-PGPUB; USPAT	ADJ	ON	2010/05/19 16:28
S36	4	(rate same light same reflective surface) and "128".clas.	US-PGPUB; USPAT	ADJ	ON	2010/05/19 16:28
S37	620	(rate same light same reflective surface)	US-PGPUB; USPAT	ADJ	ON	2010/05/19 16:34
S38	60	(rate same light same reflective surface same (flow or aerosol\$8 or spray\$4))	US-PGPUB; USPAT	ADJ	ON	2010/05/19 16:35
S39	1	10/587814.app.	US-PGPUB; USPAT	ADJ	ON	2010/05/19 16:46
S40	64718	aerosol\$8 and (vent same chamber) and diaphragm and "128".clas. or "239".clas.	US-PGPUB; USPAT	ADJ	ON	2010/05/19 16:59
S41	64708	aerosol\$8 and (vent same chamber same air) and diaphragm and "128".clas. or "239".clas.	US-PGPUB; USPAT	ADJ	ON	2010/05/19 16:59

S42	55	aerosol\$8 and (vent same chamber same air) and diaphragm and ("128".clas. or "239".clas.)	US- PGPUB; USPAT	ADJ	ON	2010/05/19 16:59
S43	32	aerosol\$8 and (vent same chamber same diaphragm) and ("128".clas. or "239".clas.)	US- PGPUB; USPAT	ADJ	ON	2010/05/19 17:07
S44	83	"128".clas. and (aerosol\$8 or atomiz\$8 or inhaler) and (mask same porous)	US- PGPUB; USPAT	ADJ	ON	2010/05/19 17:15
S45	592	"128".clas. and (aerosol\$8 or atomiz\$8 or inhaler) and baffle	US- PGPUB; USPAT	ADJ	ON	2010/05/19 17:28
S46	89	"128".clas. and (aerosol\$8 or atomiz\$8 or inhaler) and (baffle with mouthpiece)	US- PGPUB; USPAT	ADJ	ON	2010/05/19 17:28
S47	911	"128".clas. and (aerosol\$8 or atomiz\$8 or inhaler) and counter	US- PGPUB; USPAT	ADJ	ON	2010/05/19 17:36
S48	375	"128".clas. and (aerosol\$8 or atomiz\$8 or inhaler) and ((dose or dosage) with counter)	US- PGPUB; USPAT	ADJ	ON	2010/05/19 17:37
S49	1	"5186057".pn.	US- PGPUB; USPAT	ADJ	ON	2010/05/20 17:32
S50	1	"5447151".pn.	US- PGPUB; USPAT	ADJ	ON	2010/05/20 20:36
S51	1626	128/200.11-200.13,200.15,200.17,200.19,200.20,200.23,203.15,204.14.ccls. and @ad<"20040402"	US- PGPUB; USPAT	ADJ	ON	2010/05/20 20:57
S52	427	128/200.11-200.13,200.15,200.17,200.19,200.20,200.23,203.15,204.14.ccls. and @ad<"20040402" and (diaphragm or membrane) and (orifice or opening or mesh or screen or aperture)	US- PGPUB; USPAT	ADJ	ON	2010/05/20 20:58
S53	859	papania-mark-\$.in. or barry-james-\$.in. or bagley-\$.in. or elkouh-nabil-\$.in. or knaus-darin-\$.in. or trabka-robert-\$.in.	US- PGPUB; USPAT	ADJ	ON	2010/05/20 21:06
S54	209	(papania-mark-\$.in. or barry-james-\$.in. or bagley-\$.in. or elkouh-nabil-\$.in. or knaus-darin-\$.in. or trabka-robert-\$.in.) and aerosol\$8	US- PGPUB; USPAT	ADJ	ON	2010/05/20 21:06

S55	22	(papania-mark-\$.in. or barry-james-\$.in. or bagley-\$.in. or elkouh-nabil-\$.in. or knaus-darin-\$.in. or trabka-robert-\$.in.) and aerosol\$8.clm.	US-PGPUB; USPAT	ADJ	ON	2010/05/20 21:06
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## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	578	{atomiz\$4 or aerosol\$8).clm. and projection.clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/21 17:54
L5	55804	{{(movable or flexible) element).clm. or diaphragm.clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/21 17:55
L6	84472	{{(movable or flexible) (member or element)).clm. or diaphragm.clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/21 17:55
L7	29	4 and 6	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/10/21 17:55

10/ 21/ 2010 5:56:42 PM

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